

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nuapada	<b>Block</b>	Nuapada	<b>Gram Panchayat</b>	Beltukri

<b>Work Code</b>	OD/368/3534/120828/421611/00016568 (Construction of Cycle Stand at PHC at beltukuri)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nuapada	<b>Proposal Date</b>	07-11-2024
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
<b>Project Sub-Category</b>	Primary Health Centre	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
---------------------	--

### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	100
<b>Fund Sanction Amount (in Rs.)</b>	250000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<p style="text-align: center;"><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	9.125	448.507872	4092.634332
2	<p style="text-align: center;"><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	9.125	5265.34127584	48046.23914204

3	<p style="text-align: center;"><b>Masonry</b></p> <p><b>Brick Work (AR0603ei) :</b>  <b>C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure -</b>  Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	10.35	4774.396422912	49415.002977139
---	---	-----	-------	----------------	-----------------

4	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</b>  12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	60	163.2402113968	9794.412683808
5	<p><b>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips -</b> 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</p>	Sqm	91.25	353.6150608968	32267.374306833

6	<p align="center"><b>Roofing (AR1132i) :</b></p> <p><b>Supplying, fitting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties</b></p> <p>- Supplying, fitting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	Sqm	91.25	534.50666526951	48773.733205843
7	<p align="center"><b>Iron Work (AR1704) :</b></p> <p><b>Iron Doors and windows fixing -</b></p> <p>Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	3.3	15047.101825087	49655.436022787
<b>Total Amount (in Rs.): 242044.83267045</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
--------	---------------	---	---------------------------	------

1	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	9.125	Cum
i	Un-Skilled	0.1236	1.12785	-
2	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	9.125	Cum
i	Skilled	0.18	1.6425	-
ii	Un-Skilled	3.9	35.5875	-

3	<b>Masonry Brick Work (AR0603ei) :</b> <b>C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance $\pm 8$ percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	10.35	Cum
i	Un-Skilled	3.1	32.085	-
ii	Skilled	1.05	10.8675	-
iii	Highly-Skilled	0.35	3.6225	-

4	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</b>  12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	60	Sqm
i	Un-Skilled	0.12	7.2	-
ii	Skilled	0.14	8.4	-
5	<p><b>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips -</b>  2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</p>	-	91.25	Sqm
i	Un-Skilled	0.36	32.85	-
ii	Highly-Skilled	0.13	11.8625	-

6	<p><b>Roofing (AR1132i)</b>  <b>: Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties -</b>  Supplying, fitting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	-	91.25	Sqm
i	Un-Skilled	0.21505376344086	19.623655913978	-
ii	Highly-Skilled	0.16129032258065	14.717741935484	-
7	<p><b>Iron Work (AR1704)</b>  <b>: Iron Doors and windows fixing -</b>  Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	-	3.3	Qntl
i	Un-Skilled	6.3976377952756	21.112204724409	-
ii	Semi-Skilled	1.9685039370079	6.496062992126	-

iii	Skilled	3.9370078740157	12.992125984252	-
iv	Highly-Skilled	3.4448818897638	11.36811023622	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	149.58621063839	452	67612.967208551
2	Skilled	33.902125984252	552	18713.973543307
3	Highly-Skilled	41.570852171704	602	25025.653007366
4	Semi-Skilled	6.496062992126	512	3325.9842519685
<b>Total: 114678.57801119</b>				

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	<b>9.125</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	9.125	1 Cum

2	<b>Concrete (AR0303)</b> <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	9.125	Cum
i)	<b>BRM340</b> : Cement	2.29	20.89625	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	4.38	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.76	1 Cum.

3	<p><b>Masonry Brick Work (AR0603ei)</b>  <b>:.C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure -</b>  Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	10.35	Cum
i)	<p><b>BRMMR0025 :</b>  <b>SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b></p>	1	10.35	1 Cum
ii)	<p><b>BRM002 :</b> Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent.</p>	400	4140	1000 Nos
iii)	<p><b>BRM340 :</b> Cement</p>	0.672	6.9552	1 Qntl.
iv)	<p><b>BRM028 :</b> Screened and washed sharp sand for mortar</p>	0.28	2.898	1 Cum

4	<b>Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside</b> - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	60	Sqm
i)	<b>BRM340 : Cement</b>	0.0358	2.148	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.015	0.9	1 Cum
5	<b>Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</b>	-	91.25	Sqm
i)	<b>BRM340 : Cement</b>	0.0858	7.82925	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.012	1.095	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.023	2.09875	1 Cum.

6	<b>Roofing (AR1132i)</b> :..Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	91.25	Sqm
i)	<b>BRM150 : G.C.I. Sheet 0.40mm thick</b>	1	91.25	1 Sqm.
7	<b>Iron Work(AR1704)</b> :..Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	3.3	Qntl
i)	<b>BRM341 : Steel</b>	1	3.3	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	9.125	1 Cum	347.95	3175.04375
2	<b>BRM340</b>	37.8287	1 Qntl.	540.182	20434.3828234
3	<b>BRM028</b>	9.273	1 Cum	352.89	3272.34897
4	<b>BRM044</b>	8.76	1 Cum.	1531.66	13417.3416
5	<b>BRMMR0025</b>	10.35	1 Cum	33	341.55
6	<b>BRM002</b>	4140	1000 Nos	4.80515	19893.321
7	<b>BRM056</b>	2.09875	1 Cum.	1867.93	3920.3180875
8	<b>BRM150</b>	91.25	1 Sqm.	334.9134448	30560.851838
9	<b>BRM341</b>	3.3	1 Qntl.	5613.122	18523.3026
<b>Total: 113538.4606689</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	9.125	1 Cum	40.25	367.28125
2	BRM028	9.273	1 Cum	40.25	373.23825
3	BRM044	8.76	1 Cum.	149.5	1309.62
4	BRM002	4140	1000 Nos	0.04025	166.635
5	BRM056	2.09875	1 Cum.	149.5	313.763125
					<b>Total: 2530.537625</b>

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2420.4483267045
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 2534	Rs. 2534
		<b>Total Addition Component Amount (in Rs.): 7954.4483267045</b>

**Total Net Amount (in Rs.): 249999.28099715**